

WO 2004/041151

SEQUENCE LISTING

PCT/IL2003/000932

<110> TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD.
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<120> NEUROPROTECTIVE IRON CHELATORS AND PHARMACEUTICAL COMPOSITIONS
COMPRISING THEM

<130> TECH-003 PCT

<150> US 60/424,313
<151> 2002-11-07

<150> US 60/
<151> 2003-09-22

<160> 14

<170> PatentIn version 3.1

<210> 1
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide: a segment of vasoactive intestinal peptide
(VIP). Lys (position 1) is bound to Stearyl. Leu (position 4) is
amidated.

<400> 1

Lys Lys Tyr Leu
1

<210> 2
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide: a modification of peptide of SEQ ID NO: 1. Lys
(position 1) may be bound to stearyl or Fmoc. Leu (position 4)
is amidated.

<400> 2

Lys Lys Cys Leu
1

<210> 3
<211> 10
<212> PRT
<213> Human

<220>
<221> MOD_RES
<222> (1)..(10)
<223> Natural gonadotropin-releasing hormone (GnRH). Pro (position 1)
is 5-oxo-Pro. Gly (position 10) is amidated.

<400> 3

Pro His Trp Ser Tyr Gly Leu Arg Pro Gly
1 5 10

<210> 4

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide: a modification of the GnRH peptide of SEQ ID
NO:3. Pro (position 1) is 5-oxo-Pro. Gly (position 10) is amidated

<400> 4

Pro His Trp Ser Cys Gly Leu Arg Pro Gly
1 5 10

<210> 5

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide: a modification of the GnRH peptide of SEQ ID
NO: 3. Pro (position 1) is 5-oxo-Pro. Cys (position 6) is D-Cys.
Gly (position 10) is amidated.

<400> 5

Pro His Trp Ser Tyr Cys Leu Arg Pro Gly
1 5 10

<210> 6

<211> 11

<212> PRT

<213> Human

<220>

<221> MOD_RES

<222> (11)..(11)

<223> Natural Substance P peptide. Met (position 11) is amidated.

<400> 6

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met
1 5 10

<210> 7

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide: a modification of Substance P peptide of SEQ
ID NO: 6. Met (position 11) is amidated.

<400> 7

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Arg Pro Lys Pro Gln Gln Cys Phe Gly Leu Met
1 5 10

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<210> 8
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide: a modification of Substance P peptide of SEQ
ID NO: 6. Met (position 11) is amidated.

<400> 8

Arg Pro Lys Pro Gln Gln Phe Cys Gly Leu Met
1 5 10

<210> 9
<211> 5
<212> PRT
<213> Human

<400> 9

Tyr Gly Gly Phe Met
1 5

<210> 10
<211> 5
<212> PRT
<213> Human

<400> 10

Tyr Gly Gly Phe Leu
1 5

<210> 11
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide: a modification of Met(5)-enkephalin peptide of
SEQ ID NO: 9.

<400> 11

Tyr Gly Gly Cys Met
1 5

<210> 12
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide: a modification of Met(5)-enkephalin peptide of
SEQ ID NO: 9.

<400> 12

Cys Gly Gly Phe Met
1 5

<210> 13
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide: a modification of Leu(5)-enkephalin peptide of
SEQ ID NO: 10.

<400> 13

Tyr Gly Gly Cys Leu
1 5

<210> 14
<211> 5
<212> PRT
<213> Artificial Sequence

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<223> Synthetic peptide: a modification of Leu(5)-enkephalin peptide of
SEQ ID NO: 10.

<400> 14

Cys Gly Gly Phe Leu
1 5